Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
Data File : BP022263.D
Acq On : 07 Oct 2024 20:47
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 08 02:21:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV627

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

10/09/2024
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10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	97235	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	375801	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	290228	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	701695	20.000	ng/ul	-0.01
79) Chrysene-d12	21.539	240	759000	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	889910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	17841	7.130	ng/uL	0.00
4) Pyridine-d5	3.634	84	140506	20.455	ng/ul	0.00
7) Phenol-d5	6.887	99	158245	19.334	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	103984	21.615	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	116175	20.003	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	127684	19.547	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	59598	20.625	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	67824	20.274	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	145868	20.516	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	168138	20.013	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	470079	20.386	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	506403	20.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	76878	19.873	ng/ul	0.00
60) Fluorene-d10	15.310	176	398156	19.907	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	89154	19.319	ng/ul	0.00
73) Anthracene-d10	17.210	188	663186	20.091	ng/ul	0.00
81) Pyrene-d10	19.580	212	826260	20.586	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.592	264	956738	20.131	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	19859	7.381	ng/uL	95
5) Pyridine	3.658	79	126792	18.002	ng/ul	99
6) Benzaldehyde	6.863	77	82249	18.595	ng/ul	97
8) Phenol	6.916	94	162782	19.115	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.134	93	126580	19.861	ng/ul	97
12) 2-Chlorophenol	7.281	128	118643	19.755	ng/ul	97
13) 2-Methylphenol	8.146	108	122304	19.790	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	145913	19.700	ng/ul	98
16) Acetophenone	8.516	105	216941	20.117	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.499	70	111046	20.325	ng/ul	95
18) 4-Methylphenol	8.463	108	131925	19.242	ng/ul	98
19) Hexachloroethane	8.769	117	54214	19.383	ng/ul	99
22) Nitrobenzene	8.887	77	165950	19.240	ng/ul	98
23) Isophorone	9.410	82	302270	19.546	ng/ul	99
25) 2-Nitrophenol	9.587	139	71492	19.829	ng/ul	98
26) 2,4-Dimethylphenol	9.652	107	136299	17.393	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	175046	19.935	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	138901	19.838	ng/ul	99
30) Naphthalene	10.516	128	393294	19.649	ng/ul	99
32) 4-Chloroaniline	10.622	127	167932	20.249	ng/ul	98
33) Hexachlorobutadiene	10.799	225	111642	18.918	ng/ul	98
34) Caprolactam	11.399	113	43968m	19.478	ng/ul	
35) 4-Chloro-3-methylphenol	11.746	107	150490	19.699	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	298550	20.319	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	279287	18.623	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	210543	19.619	ng/ul	96
40) Hexachlorocyclopentadiene	12.475	237	112632	17.227	ng/ul	100
41) 2,4,6-Trichlorophenol	12.740	196	131892	19.539	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	141900	19.742	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	420660	20.109	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	334143	19.512	ng/ul	98
45) 2-Nitroaniline	13.387	65	100550	19.664	ng/ul	96
47) Dimethylphthalate	13.769	163	454272	19.770	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	96626	22.233	ng/ul	91
50) Acenaphthylene	14.034	152	512322	20.155	ng/ul	100
51) 3-Nitroaniline	14.216	138	90426	22.152	ng/ul	96
52) Acenaphthene	14.375	153	356289	19.822	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	56987	17.821	ng/ul	96
55) 4-Nitrophenol	14.540	109	79005	18.401	ng/ul	97
56) Dibenzofuran	14.716	168	539909	19.997	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	137032	20.290	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.940	232	136515	20.349	ng/ul	99
59) Diethylphthalate	15.151	149	438126	19.875	ng/ul	99
61) Fluorene	15.375	166	429571	19.527	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	242349	19.264	ng/ul	98
63) 4-Nitroaniline	15.387	138	93256	22.704	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.463	198	94563	19.023	ng/ul	98
67) N-Nitrosodiphenylamine	15.581	169	383256	20.396	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	167709	19.819	ng/ul	97
69) Hexachlorobenzene	16.392	284	199514	19.155	ng/ul	98
70) Atrazine	16.557	200	161753	20.709	ng/ul	96
71) Pentachlorophenol	16.745	266	125843	18.791	ng/ul	93
72) Phenanthrene	17.145	178	736798	19.626	ng/ul	98
74) Anthracene	17.245	178	750299	20.027	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	196749	18.415	ng/uL	98
76) Pentachlorobenzene	14.634	250	226199	19.152	ng/uL	99
77) Carbazole	17.522	167	662471	19.984	ng/ul	98
78) Di-n-butylphthalate	18.110	149	713651	19.456	ng/ul	99
80) Fluoranthene	19.233	202	958953	20.782	ng/ul	99
82) Pyrene	19.610	202	1004314	20.307	ng/ul	100
83) Butylbenzylphthalate	20.569	149	339344	19.708	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	399317	22.070	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1040570	19.556	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	487707	19.733	ng/ul	99
87) Chrysene	21.592	228	963762	19.534	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	794573	18.771	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1091680	19.489	ng/ul	98
91) Benzo(k)fluoranthene	23.851	252	1089174	19.860	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1039194	20.157	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.562	276	1299987m	18.896	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	1050468	18.856	ng/ul	98
96) Benzo(g,h,i)perylene	29.703	276	983727	18.383	ng/ul	99

10/09/2024
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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