Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023106.D
Acq On : 14 Nov 2024 13:42
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 23:30:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020718

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	61082	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	245076	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.187	164	207152	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.998	188	515865	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.439	240	597746	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	693312	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	11270	8.869	ng/uL	0.00
4) Pyridine-d5	3.552	84	78279	20.734	ng/ul	0.00
7) Phenol-d5	6.781	99	93391	20.680	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	55686	20.988	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	70616	21.351	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	75307	20.264	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	36865	21.607	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	42061	20.679	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	91998	21.598	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	102974	20.263	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	308921	20.691	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	327389	21.015	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.445	143	37695	16.800	ng/ul	0.00
60) Fluorene-d10	15.198	176	279934	21.386	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.363	200	59022	19.099	ng/ul	0.00
73) Anthracene-d10	17.098	188	475655	21.777	ng/ul	-0.02
81) Pyrene-d10	19.492	212	613322	22.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.427	264	724656	21.943	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	11966	8.149	ng/uL	88
5) Pyridine	3.570	79	76908	20.284	ng/ul	97
6) Benzaldehyde	6.746	77	63794	24.548	ng/ul	94
8) Phenol	6.811	94	96087	20.376	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.016	93	72819	20.549	ng/ul	97
12) 2-Chlorophenol	7.158	128	71944	20.952	ng/ul	98
13) 2-Methylphenol	8.028	108	72477	20.589	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.081	45	87545	21.823	ng/ul#	93
16) Acetophenone	8.393	105	130024	20.821	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.375	70	67876	21.768	ng/ul	97
18) 4-Methylphenol	8.358	108	79500	20.447	ng/ul	97
19) Hexachloroethane	8.634	117	34118	20.544	ng/ul	85
22) Nitrobenzene	8.763	77	104547	21.355	ng/ul	93
23) Isophorone	9.281	82	184233	21.046	ng/ul	99
25) 2-Nitrophenol	9.469	139	44990	20.956	ng/ul	97
26) 2,4-Dimethylphenol	9.528	107	97771	21.089	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.757	93	105609	21.926	ng/ul	99
29) 2,4-Dichlorophenol	10.004	162	90018	21.335	ng/ul	97
30) Naphthalene	10.381	128	245861	20.650	ng/ul	99
32) 4-Chloroaniline	10.504	127	100371	20.387	ng/ul	99
33) Hexachlorobutadiene	10.652	225	77913	20.408	ng/ul	97
34) Caprolactam	11.287	113	26345m	20.992	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	96625	21.288	ng/ul	93
36) 2-Methylnaphthalene	11.987	142	189511	21.083	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.210	142	195028	21.224	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	147746	21.126	ng/ul	98
40) Hexachlorocyclopentadiene	12.334	237	62159	16.922	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	90295	21.204	ng/ul	95
42) 2,4,5-Trichlorophenol	12.704	196	96813	21.088	ng/ul	97
43) 1,1'-Biphenyl	13.016	154	275276	20.738	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	227573	20.973	ng/ul	99
45) 2-Nitroaniline	13.293	65	66156	21.714	ng/ul	92
47) Dimethylphthalate	13.657	163	304190	20.659	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	60168	21.008	ng/ul	96
50) Acenaphthylene	13.910	152	331002	21.020	ng/ul	99
51) 3-Nitroaniline	14.116	138	51219	20.763	ng/ul#	96
52) Acenaphthene	14.251	153	244270	21.366	ng/ul	96
53) 2,4-Dinitrophenol	14.357	184	32608	16.045	ng/ul	93
55) 4-Nitrophenol	14.463	109	47972	18.275	ng/ul	95
56) Dibenzofuran	14.592	168	369476	20.917	ng/ul	97
57) 2,4-Dinitrotoluene	14.592	165	94744	20.755	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.840	232	96680	21.544	ng/ul	97
59) Diethylphthalate	15.040	149	299721	20.582	ng/ul	100
61) Fluorene	15.251	166	303583	20.999	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.257	204	178170	20.930	ng/ul	99
63) 4-Nitroaniline	15.316	138	48410	21.089	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.381	198	64208	19.450	ng/ul	99
67) N-Nitrosodiphenylamine	15.487	169	261044	21.899	ng/ul	99
68) 4-Bromophenyl-phenylether	16.181	248	124557	21.322	ng/ul	98
69) Hexachlorobenzene	16.287	284	158878	21.605	ng/ul	97
70) Atrazine	16.463	200	120811	20.967	ng/ul	100
71) Pentachlorophenol	16.651	266	92101	20.172	ng/ul	96
72) Phenanthrene	17.039	178	530237	21.770	ng/ul	99
74) Anthracene	17.139	178	534401	21.823	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.975	216	146954	21.576	ng/uL	98
76) Pentachlorobenzene	14.516	250	169876	21.843	ng/uL	97
77) Carbazole	17.428	167	463722	21.705	ng/ul	99
78) Di-n-butylphthalate	18.004	149	517330	21.820	ng/ul	100
80) Fluoranthene	19.151	202	705038	22.228	ng/ul	99
82) Pyrene	19.528	202	765841	22.475	ng/ul	99
83) Butylbenzylphthalate	20.469	149	248621	22.161	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	272755	20.328	ng/ul	100
85) Benzo(a)anthracene	21.422	228	788552	21.605	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	347768	21.814	ng/ul	99
87) Chrysene	21.486	228	720567	20.981	ng/ul	99
89) Di-n-octyl phthalate	22.563	149	578516	20.567	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	860629	22.302	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	822426	21.649	ng/ul#	98
93) Benzo(a)pyrene	24.504	252	764071	21.903	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.286	276	1024733	21.084	ng/ul	98
95) Dibenzo(a,h)anthracene	28.351	278	829813	21.028	ng/ul	98
96) Benzo(g,h,i)perylene	29.433	276	790232	21.407	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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