Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015714.D
Acq On : 26 Jun 2023 15:03
Operator : MA/JU
Sample : SSTD01090
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 27 00:33:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 23:54:28 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010633

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	114560	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	455044	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	266315	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	527555	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	445947	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	524050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	13348	4.192	ng/uL	0.00
4) Pyridine-d5	3.834	84	65563	8.168	ng/ul	0.00
7) Phenol-d5	7.234	99	89144	9.095	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	55758	9.195	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	71844	9.710	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	69337	8.954	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	33709	9.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	38619	9.515	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	67473	9.329	ng/ul	0.01
31) 4-Chloroaniline-d4	11.051	131	82718	8.903	ng/ul	0.01
46) Dimethylphthalate-d6	14.122	166	195106	9.478	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	226683	9.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	14831	5.460	ng/ul	0.02
60) Fluorene-d10	15.710	176	164557	9.709	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	23805m	7.375	ng/ul	0.01
73) Anthracene-d10	17.580	188	239093	9.922	ng/ul	0.00
81) Pyrene-d10	19.804	212	257021	8.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	259832	9.829	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	14025	4.093	ng/uL	97
5) Pyridine	3.858	79	71829	8.554	ng/ul	99
6) Benzaldehyde	7.210	77	26355	6.859	ng/ul	100
8) Phenol	7.263	94	93524	9.195	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.487	93	76690	9.476	ng/ul	97
12) 2-Chlorophenol	7.628	128	77032	9.799	ng/ul	95
13) 2-Methylphenol	8.522	108	70699	9.206	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.599	45	105848	9.576	ng/ul	97
16) Acetophenone	8.910	105	120186	9.442	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	64866	9.175	ng/ul	97
18) 4-Methylphenol	8.863	108	74821	9.068	ng/ul	96
19) Hexachloroethane	9.146	117	35643	9.817	ng/ul	98
22) Nitrobenzene	9.293	77	95785	9.808	ng/ul	98
23) Isophorone	9.816	82	174287	9.326	ng/ul	98
25) 2-Nitrophenol	10.010	139	40817	9.476	ng/ul	98
26) 2,4-Dimethylphenol	10.069	107	91553	9.668	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.298	93	101707	9.641	ng/ul	97
29) 2,4-Dichlorophenol	10.563	162	70394	9.790	ng/ul	99
30) Naphthalene	10.945	128	249430	10.083	ng/ul	99
32) 4-Chloroaniline	11.075	127	83906	8.692	ng/ul	99
33) Hexachlorobutadiene	11.210	225	54560	10.047	ng/ul	97
34) Caprolactam	11.869	113	17850m	8.234	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	75248	8.940	ng/ul	98
36) 2-Methylnaphthalene	12.551	142	156216	9.593	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	162734	9.796	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.916	216	88112	10.040	ng/ul	99
40) Hexachlorocyclopentadiene	12.881	237	14920	5.683	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.169	196	52818	9.523	ng/ul	98
42) 2,4,5-Trichlorophenol	13.251	196	54408	9.475	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	213406	10.117	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	168455	10.137	ng/ul	99
45) 2-Nitroaniline	13.822	65	45104	8.719	ng/ul	96
47) Dimethylphthalate	14.169	163	201214	9.445	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	39078	9.043	ng/ul	95
50) Acenaphthylene	14.439	152	254976	10.001	ng/ul	99
51) 3-Nitroaniline	14.663	138	26442	7.803	ng/ul	98
52) Acenaphthene	14.781	153	175242	9.912	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	12443m	5.464	ng/ul	
55) 4-Nitrophenol	14.986	109	14398	4.775	ng/ul	98
56) Dibenzofuran	15.116	168	244716	9.971	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	51579	8.802	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.357	232	45682	9.041	ng/ul	99
59) Diethylphthalate	15.522	149	198686	9.217	ng/ul	99
61) Fluorene	15.769	166	195462	9.818	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.751	204	99046	9.723	ng/ul	94
63) 4-Nitroaniline	15.839	138	11066m	4.830	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.886	198	24128	7.350	ng/ul#	88
67) N-Nitrosodiphenylamine	15.975	169	157679	9.984	ng/ul	97
68) 4-Bromophenyl-phenylether	16.651	248	58276	9.673	ng/ul	94
69) Hexachlorobenzene	16.775	284	71058	9.996	ng/ul	97
70) Atrazine	16.928	200	55545	9.188	ng/ul	97
71) Pentachlorophenol	17.151	266	25455m	7.513	ng/ul	
72) Phenanthrene	17.516	178	286047	9.981	ng/ul	99
74) Anthracene	17.616	178	289172	10.041	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	91372	10.644	ng/uL	100
76) Pentachlorobenzene	15.039	250	90277	10.420	ng/uL	99
77) Carbazole	17.892	167	229325	9.448	ng/ul	98
78) Di-n-butylphthalate	18.404	149	302930	9.414	ng/ul	99
80) Fluoranthene	19.480	202	315140	8.708	ng/ul	99
82) Pyrene	19.833	202	330422	8.951	ng/ul	98
83) Butylbenzylphthalate	20.680	149	135788	9.016	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	98516	9.773	ng/ul	98
85) Benzo(a)anthracene	21.551	228	304120	9.695	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	207265	10.014	ng/ul	99
87) Chrysene	21.610	228	301258	10.122	ng/ul	98
89) Di-n-octyl phthalate	22.398	149	363733	9.497	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	321486	9.547	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	336019	9.877	ng/ul	99
93) Benzo(a)pyrene	24.004	252	289321	9.833	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	421948	10.564	ng/ul	98
95) Dibenzo(a,h)anthracene	26.833	278	344987	10.516	ng/ul	98
96) Benzo(g,h,i)perylene	27.668	276	344435	10.528	ng/ul	98

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

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