Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010523\
Data File : BP013398.D
Acq On : 05 Jan 2023 15:26
Operator : CG/JU
Sample : SSTD08021
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 00:23:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 00:16:51 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080649

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	533280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	2251467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	1387598	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	2842507	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	2084625	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	2324597	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	406361	32.581	ng/uL	0.00
4) Pyridine-d5	3.734	84	3070149	86.653	ng/ul	0.00
7) Phenol-d5	7.087	99	3799480	87.471	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	2276123	86.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	2915093	85.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	2965552	83.323	ng/ul	0.01
21) Nitrobenzene-d5	9.099	128	1474321	89.125	ng/ul	0.01
24) 2-Nitrophenol-d4	9.816	143	1719942	92.354	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	3120540	86.267	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	4018584	78.693	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	8182089	76.724	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	9583013	81.778	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	1544582	80.518	ng/ul	0.01
60) Fluorene-d10	15.563	176	6972455	77.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	1641411	89.733	ng/ul	0.01
73) Anthracene-d10	17.428	188	10133717	79.022	ng/ul	0.00
81) Pyrene-d10	19.657	212	10679359	89.250	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	9704499	83.755	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	427711	32.850	ng/uL	99
5) Pyridine	3.758	79	3067067	87.101	ng/ul	94
6) Benzaldehyde	7.058	77	1418596	83.405	ng/ul	97
8) Phenol	7.116	94	3848205	87.621	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.346	93	2976954	82.586	ng/ul	100
12) 2-Chlorophenol	7.487	128	2944806	83.981	ng/ul	96
13) 2-Methylphenol	8.369	108	2883798	84.224	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.458	45	4588781	92.770	ng/ul	98
16) Acetophenone	8.758	105	4484990	82.185	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.752	70	2294897	83.626	ng/ul	97
18) 4-Methylphenol	8.710	108	3128084	82.481	ng/ul	98
19) Hexachloroethane	9.005	117	1163426	83.028	ng/ul	99
22) Nitrobenzene	9.140	77	3505781	90.315	ng/ul	95
23) Isophorone	9.675	82	6569259	83.695	ng/ul	98
25) 2-Nitrophenol	9.852	139	1786603	88.539	ng/ul	96
26) 2,4-Dimethylphenol	9.910	107	3341626	84.874	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.146	93	4028482	80.269	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	2999160	84.640	ng/ul	99
30) Naphthalene	10.787	128	9366753	79.548	ng/ul	99
32) 4-Chloroaniline	10.904	127	3966171	78.484	ng/ul	100
33) Hexachlorobutadiene	11.063	225	1985404	81.606	ng/ul	98
34) Caprolactam	11.716	113	910639m	75.371	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	3065844	84.782	ng/ul	98
36) 2-Methylnaphthalene	12.393	142	6371261	78.872	ng/ul	98

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37) 1-Methylnaphthalene	12.610	142	6433564	77.444	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	3825736	85.624	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	2578270	88.673	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	2543400	88.574	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	2734805	88.665	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	8398834	80.592	ng/ul	99
44) 2-Chloronaphthalene	13.446	162	6700581	81.694	ng/ul	99
45) 2-Nitroaniline	13.657	65	2015613	101.358	ng/ul	94
47) Dimethylphthalate	14.028	163	8012288	75.804	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	1776902	90.459	ng/ul	95
50) Acenaphthylene	14.293	152	10038713	79.684	ng/ul	98
51) 3-Nitroaniline	14.487	138	1640194	88.429	ng/ul	92
52) Acenaphthene	14.634	153	6906412	79.109	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	1224713	91.212	ng/ul	92
55) 4-Nitrophenol	14.798	109	1119434	85.524	ng/ul	94
56) Dibenzofuran	14.969	168	9629362	77.578	ng/ul	98
57) 2,4-Dinitrotoluene	14.940	165	2424644	84.977	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.198	232	2308458	82.011	ng/ul	98
59) Diethylphthalate	15.392	149	7518901	73.177	ng/ul	99
61) Fluorene	15.622	166	7392863	74.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.610	204	3972582	75.462	ng/ul	97
63) 4-Nitroaniline	15.651	138	1432738	87.783	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	1568490	87.745	ng/ul#	93
67) N-Nitrosodiphenylamine	15.828	169	6544150	83.041	ng/ul	100
68) 4-Bromophenyl-phenylether	16.510	248	2638237	85.465	ng/ul	97
69) Hexachlorobenzene	16.628	284	2971583	81.072	ng/ul	97
70) Atrazine	16.787	200	2417081	78.707	ng/ul	97
71) Pentachlorophenol	16.975	266	1849398	83.316	ng/ul	97
72) Phenanthrene	17.369	178	11592528	78.299	ng/ul	98
74) Anthracene	17.463	178	11552472	78.146	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	3801067	93.727	ng/uL	98
76) Pentachlorobenzene	14.887	250	3583246	86.661	ng/uL	99
77) Carbazole	17.734	167	10105556	81.170	ng/ul	100
78) Di-n-butylphthalate	18.269	149	10736572	70.828	ng/ul	98
80) Fluoranthene	19.333	202	12020440	88.510	ng/ul	96
82) Pyrene	19.686	202	11892579	84.891	ng/ul#	92
83) Butylbenzylphthalate	20.551	149	4301666	79.482	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.327	252	3133125	66.530	ng/ul	98
85) Benzo(a)anthracene	21.398	228	11185928	80.830	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.304	149	5569322	72.950	ng/ul	99
87) Chrysene	21.451	228	10648467	81.367	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	9031878	69.353	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	12240709	82.577	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	11186792	76.106	ng/ul	99
93) Benzo(a)pyrene	23.774	252	10714473	83.012	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	15275992	95.016	ng/ul	100
95) Dibenzo(a,h)anthracene	26.474	278	12570555	94.435	ng/ul	100
96) Benzo(g,h,i)perylene	27.257	276	12598048	97.606	ng/ul	100

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

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