Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023982.D
Acq On : 06 Feb 2025 22:45
Operator : RC/JU
Sample : PB166542BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS542

Quant Time: Feb 07 07:54:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :Sohil Jodhani 02/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	464569	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.540	136	2032938	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.386	164	1271676	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	2455523	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	2487745	20.000	ng/ul	0.00
88) Perylene-d12	25.015	264	2540771	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	67400	6.028	ng/uL	0.00
4) Pyridine-d5	3.699	84	1015514	31.475	ng/ul	0.00
7) Phenol-d5	6.957	99	1418822	34.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	702420	32.278	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	1130565	35.018	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	1111856	33.106	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	525410	32.304	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	573032	32.651	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	1090983	33.886	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1243599	25.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	2955567	31.159	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	3505546	32.768	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	560819	29.771	ng/ul	0.00
60) Fluorene-d10	15.392	176	2556057	31.999	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	392334	25.899	ng/ul	0.00
73) Anthracene-d10	17.286	188	3935657	32.643	ng/ul	0.00
81) Pyrene-d10	19.663	212	4502851	33.780	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.792	264	4476439	33.768	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	136967	11.648	ng/uL	98
5) Pyridine	3.716	79	1014875	31.419	ng/ul	99
6) Benzaldehyde	6.916	77	181758	9.008	ng/ul	99
8) Phenol	6.981	94	1462540	34.645	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	1029032	32.021	ng/ul	99
12) 2-Chlorophenol	7.340	128	1156324	34.765	ng/ul	99
13) 2-Methylphenol	8.216	108	1051042	33.089	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	1061959	32.031	ng/ul	99
16) Acetophenone	8.581	105	1653873	32.213	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.563	70	760647	31.462	ng/ul	98
18) 4-Methylphenol	8.540	108	1180640	33.500	ng/ul	99
19) Hexachloroethane	8.840	117	416812	31.692	ng/ul	99
22) Nitrobenzene	8.951	77	1152401	32.648	ng/ul	99
23) Isophorone	9.481	82	2173976	30.504	ng/ul	100
25) 2-Nitrophenol	9.657	139	626200	32.712	ng/ul	99
26) 2,4-Dimethylphenol	9.728	107	999184	28.201	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.951	93	1354088	30.502	ng/ul	99
29) 2,4-Dichlorophenol	10.198	162	1089018	33.355	ng/ul	99
30) Naphthalene	10.592	128	3455384	31.754	ng/ul	100
32) 4-Chloroaniline	10.698	127	872061	19.192	ng/ul	100
33) Hexachlorobutadiene	10.881	225	610638	30.894	ng/ul	99
34) Caprolactam	11.481	113	347325m	27.459	ng/ul	
35) 4-Chloro-3-methylphenol	11.834	107	1124956	32.053	ng/ul	98
36) 2-Methylnaphthalene	12.198	142	2403276	31.410	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	2374744	31.287	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	1222438	32.517	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	426180	20.118	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	791601	31.523	ng/ul	98
42) 2,4,5-Trichlorophenol	12.898	196	882200	32.593	ng/ul	100
43) 1,1'-Biphenyl	13.210	154	3085203	32.684	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	2422877	32.941	ng/ul	99
45) 2-Nitroaniline	13.457	65	638361	33.347	ng/ul	96
47) Dimethylphthalate	13.839	163	2958277	31.345	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	604332	32.766	ng/ul	99
50) Acenaphthylene	14.110	152	3746135	32.881	ng/ul	100
51) 3-Nitroaniline	14.292	138	663454	32.731	ng/ul	100
52) Acenaphthene	14.451	153	2606198	32.264	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	203852	18.539	ng/ul	98
55) 4-Nitrophenol	14.622	109	415596	31.184	ng/ul	97
56) Dibenzofuran	14.792	168	3583994	32.020	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	873430	31.838	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.022	232	682961	29.652	ng/ul	92
59) Diethylphthalate	15.222	149	2947888	31.176	ng/ul	99
61) Fluorene	15.451	166	3024805	32.576	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	1470346	31.989	ng/ul	99
63) 4-Nitroaniline	15.469	138	743480	37.700	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	427581	25.673	ng/ul	95
67) N-Nitrosodiphenylamine	15.663	169	2431335	32.443	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	888122	32.058	ng/ul	98
69) Hexachlorobenzene	16.475	284	1084204	32.300	ng/ul	99
70) Atrazine	16.633	200	329684	11.360	ng/ul	98
71) Pentachlorophenol	16.833	266	541235	26.214	ng/ul	99
72) Phenanthrene	17.227	178	4505128	32.488	ng/ul	99
74) Anthracene	17.322	178	4481636	32.047	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	1201664	33.419	ng/uL	100
76) Pentachlorobenzene	14.710	250	1216846	31.403	ng/uL	99
77) Carbazole	17.598	167	4243232	34.635	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4836098	31.893	ng/ul	100
80) Fluoranthene	19.316	202	5139971	33.476	ng/ul	99
82) Pyrene	19.692	202	5543713	34.527	ng/ul	99
83) Butylbenzylphthalate	20.645	149	2109697	30.511	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.539	252	1608981	29.893	ng/ul	100
85) Benzo(a)anthracene	21.621	228	5388311	32.938	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.562	149	2995927	29.696	ng/ul	100
87) Chrysene	21.686	228	4992839	33.123	ng/ul	98
89) Di-n-octyl phthalate	22.857	149	4918590	32.294	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	5207865	33.780	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	5300707	34.297	ng/ul	99
93) Benzo(a)pyrene	24.856	252	4829353	33.543	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.862	276	6075833m	32.558	ng/ul	
95) Dibenzo(a,h)anthracene	28.933	278	4984808	32.928	ng/ul	100
96) Benzo(g,h,i)perylene	30.038	276	4563757	31.927	ng/ul	99

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

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