

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021306.D
 Acq On : 02 Aug 2024 02:59
 Operator : CG/JU
 Sample : PB162406BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS406

Quant Time: Aug 02 03:46:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	174666	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	667484	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.269	164	435267	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	967097	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1174423	20.000	ng/u1	# 0.00
88) Perylene-d12	24.827	264	1450044	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	20968	5.463	ng/uL	-0.01
4) Pyridine-d5	3.581	84	246859	22.215	ng/u1	-0.01
7) Phenol-d5	6.846	99	355856	24.990	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	194406	22.527	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	299988	25.569	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	277731	23.483	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	141453	27.284	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	164729	27.761	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	297846	27.759	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	344856	24.261	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	842905	26.639	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	973483	27.400	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	184284m	40.934	ng/u1	0.00
60) Fluorene-d10	15.287	176	752916	29.005	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	172491	29.478	ng/u1	0.00
73) Anthracene-d10	17.192	188	1217221	28.338	ng/u1	0.00
81) Pyrene-d10	19.569	212	1603330	22.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	2068719	28.927	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	36789	8.715	ng/uL	98
5) Pyridine	3.599	79	250945	21.895	ng/u1	99
6) Benzaldehyde	6.805	77	172540m	24.034	ng/u1	
8) Phenol	6.875	94	364039	25.264	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	277044	23.274	ng/u1	97
12) 2-Chlorophenol	7.211	128	309489	26.319	ng/u1	99
13) 2-Methylphenol	8.087	108	272055	24.413	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	351107	20.416	ng/u1#	93
16) Acetophenone	8.452	105	443813	24.313	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	206824	21.624	ng/u1	96
18) 4-Methylphenol	8.422	108	291218	24.393	ng/u1	94
19) Hexachloroethane	8.675	117	129931	24.589	ng/u1	87
22) Nitrobenzene	8.828	77	327917	26.404	ng/u1	97
23) Isophorone	9.352	82	585181	23.702	ng/u1	98
25) 2-Nitrophenol	9.534	139	175671	28.386	ng/u1	95
26) 2,4-Dimethylphenol	9.599	107	264339	21.661	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.816	93	351654	23.432	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	299714	28.343	ng/u1	99
30) Naphthalene	10.446	128	945742	26.936	ng/u1	99
32) 4-Chloroaniline	10.581	127	318714	23.480	ng/u1	98
33) Hexachlorobutadiene	10.693	225	224967	28.373	ng/u1	97
34) Caprolactam	11.399	113	92921m	28.525	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	310631	27.025	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	636599	26.414	ng/u1	99

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37) 1-Methylnaphthalene	12.287	142	646831	26.095	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	404664	28.627	ng/ul	99
40) Hexachlorocyclopentadiene	12.387	237	84896	11.481	ng/ul	95
41) 2,4,6-Trichlorophenol	12.710	196	224815	25.169	ng/ul	98
42) 2,4,5-Trichlorophenol	12.799	196	251855	26.650	ng/ul	99
43) 1,1'-Biphenyl	13.093	154	843287	26.510	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	679545	26.760	ng/ul	98
45) 2-Nitroaniline	13.381	65	195401	27.824	ng/ul	97
47) Dimethylphthalate	13.728	163	853147	26.573	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	182319	28.404	ng/ul	95
50) Acenaphthylene	13.993	152	1094946	27.219	ng/ul	100
51) 3-Nitroaniline	14.234	138	180518	32.318	ng/ul	95
52) Acenaphthene	14.334	153	712885	26.700	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	100476	29.807	ng/ul	93
55) 4-Nitrophenol	14.593	109	125807	34.354	ng/ul	83
56) Dibenzofuran	14.681	168	1025201	28.040	ng/ul	98
57) 2,4-Dinitrotoluene	14.693	165	273783	31.072	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.928	232	197994	24.466	ng/ul	96
59) Diethylphthalate	15.122	149	845912	26.364	ng/ul	99
61) Fluorene	15.345	166	845544	28.340	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.340	204	450120	27.803	ng/ul	96
63) 4-Nitroaniline	15.416	138	188936	40.845	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	181911	29.316	ng/ul	97
67) N-Nitrosodiphenylamine	15.569	169	726088	25.783	ng/ul	100
68) 4-Bromophenyl-phenylether	16.251	248	301637	26.610	ng/ul	96
69) Hexachlorobenzene	16.369	284	380536	29.278	ng/ul	92
70) Atrazine	16.557	200	28217	2.749	ng/ul	98
71) Pentachlorophenol	16.751	266	151182	21.417	ng/ul	94
72) Phenanthrene	17.139	178	1422906	28.362	ng/ul	99
74) Anthracene	17.228	178	1391611	27.209	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	402913	26.030	ng/ul	98
76) Pentachlorobenzene	14.598	250	406398	26.422	ng/ul	100
77) Carbazole	17.539	167	1310295	31.339	ng/ul	100
78) Di-n-butylphthalate	18.092	149	1469106	25.468	ng/ul	100
80) Fluoranthene	19.222	202	1847599	21.071	ng/ul	98
82) Pyrene	19.598	202	1965921	22.033	ng/ul	96
83) Butylbenzylphthalate	20.545	149	761438	20.482	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	806856	30.066	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2218932	26.972	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	1087416	20.326	ng/ul#	97
87) Chrysene	21.580	228	2111752	27.624	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	2004715	20.928	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2456574	27.917	ng/ul	98
91) Benzo(k)fluoranthene	23.845	252	2404270	27.378	ng/ul	99
93) Benzo(a)pyrene	24.674	252	2182329	26.244	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.592	276	3068022	28.632	ng/ul	96
95) Dibenzo(a,h)anthracene	28.656	278	2542118	28.650	ng/ul#	97
96) Benzo(g,h,i)perylene	29.751	276	2447127m	28.042	ng/ul	

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

