

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018770.D
 Acq On : 12 Dec 2023 16:19
 Operator : MA/JU
 Sample : PB157627BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS627

Quant Time: Dec 12 22:10:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/13/2023
 Supervised By :mohammad ahmed 12/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	248187	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	928234	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	598791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1429455	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.310	240	1534914	20.000	ng/u1	# 0.00
88) Perylene-d12	23.674	264	1770154	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	33218	4.561	ng/uL	0.00
4) Pyridine-d5	3.681	84	428616	21.971	ng/u1	0.00
7) Phenol-d5	7.010	99	529146	21.245	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	305716	20.710	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	429408	22.095	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	419403	20.807	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	203501	24.632	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	226122	26.400	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	448352	25.599	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	509803	22.273	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1330242	24.891	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1440523	24.479	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	237771	27.104	ng/u1	0.00
60) Fluorene-d10	15.463	176	1118544	24.934	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	239306	27.920	ng/u1	0.00
73) Anthracene-d10	17.316	188	1780676	23.695	ng/u1	0.00
81) Pyrene-d10	19.551	212	2358174	19.737	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2661285	25.784	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	70053	8.771	ng/uL	98
5) Pyridine	3.699	79	452344	22.961	ng/u1	98
6) Benzaldehyde	6.981	77	280488	21.812	ng/u1	99
8) Phenol	7.040	94	558038	22.847	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.269	93	446639	22.266	ng/u1	99
12) 2-Chlorophenol	7.404	128	454278	23.096	ng/u1	98
13) 2-Methylphenol	8.287	108	414578	22.171	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	529567	20.806	ng/u1	98
16) Acetophenone	8.669	105	669528	22.288	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.657	70	321229	19.438	ng/u1	99
18) 4-Methylphenol	8.616	108	444078	21.749	ng/u1	99
19) Hexachloroethane	8.916	117	198266	24.588	ng/u1	82
22) Nitrobenzene	9.046	77	514823	25.630	ng/u1	99
23) Isophorone	9.569	82	947436	23.134	ng/u1	99
25) 2-Nitrophenol	9.751	139	253871	27.682	ng/u1#	93
26) 2,4-Dimethylphenol	9.816	107	366313	20.423	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.057	93	588971	22.779	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	456704	27.072	ng/u1	97
30) Naphthalene	10.687	128	1371299	24.353	ng/u1	99
32) 4-Chloroaniline	10.798	127	440677	20.200	ng/u1	98
33) Hexachlorobutadiene	10.969	225	365843	32.380	ng/u1	99
34) Caprolactam	11.587	113	143708m	27.781	ng/u1	
35) 4-Chloro-3-methylphenol	11.928	107	475799	25.176	ng/u1	100
36) 2-Methylnaphthalene	12.292	142	969606	24.305	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	955498	23.717	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	644350	29.659	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	307456	23.876	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	395197	28.278	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	436541	28.812	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	1303509	25.171	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	1062507	25.977	ng/ul	99
45) 2-Nitroaniline	13.557	65	301623	27.202	ng/ul	99
47) Dimethylphthalate	13.934	163	1394204	26.502	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	293398	29.520	ng/ul	96
50) Acenaphthylene	14.192	152	1675469	25.323	ng/ul	99
51) 3-Nitroaniline	14.381	138	272400	27.456	ng/ul	97
52) Acenaphthene	14.534	153	1113458	25.453	ng/ul	97
53) 2,4-Dinitrophenol	14.586	184	164194	31.171	ng/ul	92
55) 4-Nitrophenol	14.692	109	235765	35.573	ng/ul	80
56) Dibenzofuran	14.869	168	1585428	26.076	ng/ul	97
57) 2,4-Dinitrotoluene	14.839	165	421784	30.169	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	382744	30.116	ng/ul	96
59) Diethylphthalate	15.298	149	1393860	27.077	ng/ul	100
61) Fluorene	15.516	166	1282198	26.651	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	717995	28.456	ng/ul	97
63) 4-Nitroaniline	15.545	138	296511	31.371	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	269742	29.436	ng/ul	95
67) N-Nitrosodiphenylamine	15.728	169	1111934	23.475	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	500267	27.721	ng/ul	96
69) Hexachlorobenzene	16.516	284	603261	29.941	ng/ul	97
70) Atrazine	16.686	200	287976	20.449	ng/ul	97
71) Pentachlorophenol	16.863	266	358688	29.933	ng/ul	99
72) Phenanthrene	17.263	178	2183018	25.286	ng/ul	100
74) Anthracene	17.351	178	2154868	24.901	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	653332	26.433	ng/uL	99
76) Pentachlorobenzene	14.786	250	667263	27.483	ng/uL	99
77) Carbazole	17.627	167	1975039	28.636	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2422055	26.373	ng/ul	99
80) Fluoranthene	19.227	202	2865626	20.290	ng/ul#	93
82) Pyrene	19.586	202	2915705	20.464	ng/ul#	89
83) Butylbenzylphthalate	20.463	149	1164037	22.317	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.233	252	1032086	27.670	ng/ul#	97
85) Benzo(a)anthracene	21.292	228	3252265	26.104	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1697787	23.682	ng/ul#	99
87) Chrysene	21.345	228	2954925	25.755	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2986773	23.110	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	3397038	26.028	ng/ul#	97
91) Benzo(k)fluoranthene	23.004	252	3407744	26.985	ng/ul#	97
93) Benzo(a)pyrene	23.574	252	3190840	26.756	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.139	276	4080401	28.637	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.156	278	3401923	28.701	ng/ul#	94
96) Benzo(g,h,i)perylene	26.892	276	3296470	28.748	ng/ul#	93

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

