

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018427.D
 Acq On : 28 Nov 2023 06:47
 Operator : MA/JU
 Sample : PB157281BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS281

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 28 07:16:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 02:41:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	518216	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	2134930	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	1285297	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2452366	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1758947	20.000	ng/u1	0.01
88) Perylene-d12	23.951	264	1969864	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	72898	5.269	ng/uL	0.00
4) Pyridine-d5	3.681	84	995114	26.171	ng/u1	0.00
7) Phenol-d5	7.022	99	1375042	29.034	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	765930	27.045	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	1137640	28.610	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	1090135	28.523	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	539933	31.137	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	546926	34.151	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	1165459	30.164	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	1456970	27.959	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	3274299	28.630	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	3709227	28.464	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	447153	28.322	ng/u1	0.00
60) Fluorene-d10	15.487	176	2695204	28.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	370095	35.451	ng/u1	0.00
73) Anthracene-d10	17.345	188	3638364	27.757	ng/u1	0.00
81) Pyrene-d10	19.598	212	3810343	27.219	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	3459726	30.294	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	153409	10.340	ng/uL#	90
5) Pyridine	3.705	79	1041974	27.198	ng/u1	92
6) Benzaldehyde	6.999	77	747839	29.840	ng/u1	94
8) Phenol	7.052	94	1393090	29.987	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.287	93	1137038	29.383	ng/u1	97
12) 2-Chlorophenol	7.422	128	1167334	29.262	ng/u1	95
13) 2-Methylphenol	8.305	108	1060663	29.312	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1390193	25.273	ng/u1	96
16) Acetophenone	8.687	105	1680355	28.732	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.681	70	778893	23.841	ng/u1	92
18) 4-Methylphenol	8.640	108	1148361	29.719	ng/u1	98
19) Hexachloroethane	8.940	117	471676	28.312	ng/u1	93
22) Nitrobenzene	9.063	77	1184795	29.164	ng/u1	94
23) Isophorone	9.593	82	2355482	26.014	ng/u1	97
25) 2-Nitrophenol	9.775	139	616770	34.229	ng/u1	92
26) 2,4-Dimethylphenol	9.840	107	827930	20.466	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	1549547	28.336	ng/u1	99
29) 2,4-Dichlorophenol	10.305	162	1142062	30.858	ng/u1	98
30) Naphthalene	10.710	128	3740093	28.965	ng/u1	100
32) 4-Chloroaniline	10.822	127	1350769	27.469	ng/u1	100
33) Hexachlorobutadiene	10.999	225	793424	31.433	ng/u1	99
34) Caprolactam	11.604	113	334703m	31.383	ng/u1	
35) 4-Chloro-3-methylphenol	11.946	107	1090139	27.549	ng/u1	96
36) 2-Methylnaphthalene	12.322	142	2579024	28.222	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	2536322	27.573	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	1498890	33.020	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	578777	22.512	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	897528	32.923	ng/ul	99
42) 2,4,5-Trichlorophenol	12.999	196	971395	32.952	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	3369534	30.089	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2705106	30.520	ng/ul	98
45) 2-Nitroaniline	13.575	65	573128	30.052	ng/ul	88
47) Dimethylphthalate	13.963	163	3308084	29.562	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	651071	34.510	ng/ul	89
50) Acenaphthylene	14.216	152	4239590	29.187	ng/ul	100
51) 3-Nitroaniline	14.398	138	600783	32.050	ng/ul#	92
52) Acenaphthene	14.557	153	2768895	29.180	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	220406	33.486	ng/ul	98
55) 4-Nitrophenol	14.704	109	317926	27.180	ng/ul	93
56) Dibenzofuran	14.893	168	3808119	29.355	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	870746	34.154	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.116	232	752118	32.488	ng/ul	97
59) Diethylphthalate	15.328	149	3169157	28.193	ng/ul	98
61) Fluorene	15.545	166	2941978	27.809	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	1598122	29.749	ng/ul	96
63) 4-Nitroaniline	15.569	138	539959	30.523	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.622	198	421407	36.396	ng/ul	96
67) N-Nitrosodiphenylamine	15.757	169	2522771	30.336	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	964596	31.154	ng/ul	95
69) Hexachlorobenzene	16.545	284	1153831	33.334	ng/ul	94
70) Atrazine	16.716	200	715859	28.197	ng/ul	97
71) Pentachlorophenol	16.892	266	580282	32.626	ng/ul	99
72) Phenanthrene	17.287	178	4468460	29.956	ng/ul	99
74) Anthracene	17.381	178	4319945	28.691	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	1487209	35.281	ng/ul	100
76) Pentachlorobenzene	14.810	250	1425108	34.804	ng/ul	100
77) Carbazole	17.657	167	3665927	30.052	ng/ul	99
78) Di-n-butylphthalate	18.222	149	4844175	28.550	ng/ul	100
80) Fluoranthene	19.269	202	4667764	27.911	ng/ul	97
82) Pyrene	19.628	202	4699379	27.905	ng/ul	96
83) Butylbenzylphthalate	20.539	149	1630325	26.160	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.327	252	1237674	29.093	ng/ul	99
85) Benzo(a)anthracene	21.380	228	4277737	29.841	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	2257552	24.144	ng/ul#	99
87) Chrysene	21.433	228	3944809	30.241	ng/ul	100
89) Di-n-octyl phthalate	22.445	149	3461746	23.870	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	4492163	31.396	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	4113692	28.881	ng/ul	99
93) Benzo(a)pyrene	23.839	252	4077585	30.989	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	4960145m	32.601	ng/ul	
95) Dibenzo(a,h)anthracene	26.904	278	4114790m	33.035	ng/ul	
96) Benzo(g,h,i)perylene	27.680	276	4094138m	33.226	ng/ul	

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

