

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022794.D
 Acq On : 01 Nov 2024 07:56
 Operator : RC/JU
 Sample : PB164547BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS547

Quant Time: Nov 01 07:26:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	91161	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	343143	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	288512	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	746369	20.000	ng/u1	0.01
79) Chrysene-d12	21.504	240	863146	20.000	ng/u1	0.00
88) Perylene-d12	24.774	264	1018692m	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	11693	4.984	ng/uL	0.00
4) Pyridine-d5	3.587	84	171218	26.587	ng/u1	0.00
7) Phenol-d5	6.828	99	215280	28.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	117400	26.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	161734	29.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	169571	27.690	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	76655	29.053	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	95892	31.392	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	203864	31.401	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	197376	25.729	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	638567	27.857	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	702090	28.837	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	104468	27.166	ng/u1	0.00
60) Fluorene-d10	15.281	176	600465	30.201	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	130205	26.525	ng/u1	0.01
73) Anthracene-d10	17.175	188	1059882	30.187	ng/u1	0.00
81) Pyrene-d10	19.551	212	1359159	29.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	1648591	30.303	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	24377	9.664	ng/uL	96
5) Pyridine	3.605	79	169579	25.681	ng/u1	93
6) Benzaldehyde	6.799	77	24835	5.989	ng/u1	98
8) Phenol	6.858	94	214153	26.824	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	153179	25.636	ng/u1	95
12) 2-Chlorophenol	7.210	128	160403	28.488	ng/u1	98
13) 2-Methylphenol	8.081	108	156276	26.972	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	173371	24.966	ng/u1	96
16) Acetophenone	8.446	105	261732	25.888	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	134469	26.252	ng/u1	98
18) 4-Methylphenol	8.399	108	173533	26.998	ng/u1	99
19) Hexachloroethane	8.687	117	71514	27.272	ng/u1	96
22) Nitrobenzene	8.816	77	216314	27.466	ng/u1	98
23) Isophorone	9.334	82	369891	26.195	ng/u1	99
25) 2-Nitrophenol	9.516	139	96249	29.237	ng/u1	96
26) 2,4-Dimethylphenol	9.581	107	189554	26.491	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.810	93	206042	25.698	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	194668	30.449	ng/u1	100
30) Naphthalene	10.440	128	517498	28.314	ng/u1	99
32) 4-Chloroaniline	10.557	127	124544	16.447	ng/u1	95
33) Hexachlorobutadiene	10.716	225	163663	30.373	ng/u1	100
34) Caprolactam	11.346	113	52259m	25.354	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	208977	29.959	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	389230	29.012	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	378884	27.669	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	298780	28.007	ng/ul	97
40) Hexachlorocyclopentadiene	12.404	237	94596	14.554	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	195139	29.080	ng/ul	96
42) 2,4,5-Trichlorophenol	12.763	196	216502	30.301	ng/ul	96
43) 1,1'-Biphenyl	13.081	154	565767	27.206	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	470908	27.662	ng/ul	99
45) 2-Nitroaniline	13.334	65	142300	27.994	ng/ul	97
47) Dimethylphthalate	13.716	163	614775	26.915	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	129984	30.086	ng/ul	99
50) Acenaphthylene	13.981	152	692372	27.401	ng/ul	99
51) 3-Nitroaniline	14.187	138	113889	28.066	ng/ul	97
52) Acenaphthene	14.328	153	493667	27.629	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	75899	23.877	ng/ul	92
55) 4-Nitrophenol	14.528	109	128859	30.191	ng/ul	89
56) Dibenzofuran	14.663	168	764465	28.483	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	206136	30.704	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.916	232	209544	31.420	ng/ul#	95
59) Diethylphthalate	15.110	149	617685	28.187	ng/ul	99
61) Fluorene	15.334	166	640141	29.272	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	376611	30.115	ng/ul	100
63) 4-Nitroaniline	15.363	138	133312	32.649	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.434	198	132897	25.135	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	543604	27.198	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	270834	30.091	ng/ul	97
69) Hexachlorobenzene	16.369	284	335841	30.314	ng/ul	97
70) Atrazine	16.539	200	245155	29.508	ng/ul	95
71) Pentachlorophenol	16.728	266	219335	30.790	ng/ul	96
72) Phenanthrene	17.116	178	1123940	28.147	ng/ul	99
74) Anthracene	17.210	178	1122530	28.169	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	303351	26.693	ng/uL	97
76) Pentachlorobenzene	14.598	250	338395	26.936	ng/uL	99
77) Carbazole	17.492	167	1000145	28.365	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1141195	29.250	ng/ul	100
80) Fluoranthene	19.210	202	1544670	29.437	ng/ul#	96
82) Pyrene	19.580	202	1601053	28.467	ng/ul	97
83) Butylbenzylphthalate	20.533	149	558263	28.510	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	563210	27.373	ng/ul	97
85) Benzo(a)anthracene	21.486	228	1677524	27.723	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	806018	28.677	ng/ul	98
87) Chrysene	21.557	228	1569529	27.974	ng/ul	99
89) Di-n-octyl phthalate	22.663	149	1341782	27.691	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1841048	28.711	ng/ul	98
91) Benzo(k)fluoranthene	23.816	252	1803067m	28.720	ng/ul	
93) Benzo(a)pyrene	24.615	252	1651053	27.977	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.498	276	2203886	27.985	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.556	278	1759999	27.598	ng/ul#	98
96) Benzo(g,h,i)perylene	29.639	276	1684203	27.494	ng/ul	98

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

