

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
 Data File : BP020024.D
 Acq On : 29 Mar 2024 00:32
 Operator : MA/JU
 Sample : PB159841BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS841

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :Jagrut Upadhyay 03/29/2024

Quant Time: Mar 29 01:37:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 14:08:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	90907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.357	136	375800	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.240	164	259562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	579416	20.000	ng/u1	-0.01
79) Chrysene-d12	21.545	240	587698	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	584478	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16221	7.818	ng/uL	0.00
4) Pyridine-d5	3.640	84	225875	36.054	ng/u1	0.00
7) Phenol-d5	6.799	99	298726	38.963	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	188237	37.684	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	209518	38.052	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	243807	41.102	ng/u1	0.00
21) Nitrobenzene-d5	8.752	128	107488	37.317	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	122614	38.046	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	247591	42.066	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	37629	4.904	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	772538	42.451	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	842400	39.626	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.487	143	133708	46.735	ng/u1	0.00
60) Fluorene-d10	15.269	176	648204	41.813	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	149474	43.097	ng/u1	-0.02
73) Anthracene-d10	17.181	188	1070855	41.751	ng/u1	0.01
81) Pyrene-d10	19.575	212	1316239	38.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.616	264	1159759	41.303	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	31927	13.484	ng/uL	94
5) Pyridine	3.658	79	297529	46.592	ng/u1	98
6) Benzaldehyde	6.787	77	155200	40.936	ng/u1	97
8) Phenol	6.822	94	305516	38.114	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.058	93	228187	35.151	ng/u1	98
12) 2-Chlorophenol	7.181	128	209566	36.115	ng/u1	93
13) 2-Methylphenol	8.040	108	229138	39.655	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	337152	37.771	ng/u1	100
16) Acetophenone	8.428	105	365858	38.238	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.405	70	214932	40.275	ng/u1	97
18) 4-Methylphenol	8.369	108	248220	39.911	ng/u1	95
19) Hexachloroethane	8.652	117	94583	35.093	ng/u1	98
22) Nitrobenzene	8.793	77	309833	37.763	ng/u1	99
23) Isophorone	9.310	82	611531	39.986	ng/u1	98
25) 2-Nitrophenol	9.493	139	125908	37.476	ng/u1	94
26) 2,4-Dimethylphenol	9.552	107	285331	38.905	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.793	93	343321	38.390	ng/u1	99
29) 2,4-Dichlorophenol	10.022	162	230796	40.084	ng/u1	99
30) Naphthalene	10.405	128	702256	36.425	ng/u1	99
32) 4-Chloroaniline	10.540	127	133963	17.791	ng/u1	98
33) Hexachlorobutadiene	10.669	225	157379	34.684	ng/u1	98
34) Caprolactam	11.334	113	83025m	46.389	ng/u1	
35) 4-Chloro-3-methylphenol	11.663	107	289771	45.304	ng/u1	96
36) 2-Methylnaphthalene	12.028	142	502494	39.146	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.246	142	505041	39.340	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.393	216	304515	35.484	ng/u1	98
40) Hexachlorocyclopentadiene	12.351	237	157735	32.482	ng/u1	99
41) 2,4,6-Trichlorophenol	12.646	196	203801	38.657	ng/u1	98
42) 2,4,5-Trichlorophenol	12.734	196	224298	41.134	ng/u1	98
43) 1,1'-Biphenyl	13.057	154	696828	37.071	ng/u1	100
44) 2-Chloronaphthalene	13.098	162	554906	36.607	ng/u1	99
45) 2-Nitroaniline	13.328	65	207296	43.414	ng/u1	97
47) Dimethylphthalate	13.710	163	757613	41.244	ng/u1	99
48) 2,6-Dinitrotoluene	13.834	165	156697	42.015	ng/u1	99
50) Acenaphthylene	13.951	152	915920	38.526	ng/u1	99
51) 3-Nitroaniline	14.181	138	142367	41.450	ng/u1	96
52) Acenaphthene	14.298	153	602173	38.129	ng/u1	99
53) 2,4-Dinitrophenol	14.398	184	89496	42.165	ng/u1	95
55) 4-Nitrophenol	14.498	109	121996	46.466	ng/u1	96
56) Dibenzofuran	14.645	168	853470	39.791	ng/u1	98
57) 2,4-Dinitrotoluene	14.640	165	235194	46.125	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	14.893	232	201499	43.091	ng/u1	98
59) Diethylphthalate	15.104	149	782590	42.962	ng/u1	98
61) Fluorene	15.316	166	713203	40.769	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.322	204	379510	40.502	ng/u1	100
63) 4-Nitroaniline	15.363	138	138919	47.358	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.416	198	151088	41.047	ng/u1	94
67) N-Nitrosodiphenylamine	15.557	169	508613	31.779	ng/u1	98
68) 4-Bromophenyl-phenylether	16.239	248	241924	38.471	ng/u1	99
69) Hexachlorobenzene	16.339	284	272506	39.026	ng/u1	98
70) Atrazine	16.539	200	101706	16.586	ng/u1	99
71) Pentachlorophenol	16.716	266	169557	41.423	ng/u1	99
72) Phenanthrene	17.122	178	1188428	39.671	ng/u1	99
74) Anthracene	17.222	178	1205940	39.646	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	311060	32.927	ng/uL	97
76) Pentachlorobenzene	14.563	250	301897	34.507	ng/uL	99
77) Carbazole	17.504	167	897991	34.524	ng/u1	99
78) Di-n-butylphthalate	18.098	149	1406798	43.317	ng/u1	99
80) Fluoranthene	19.228	202	1459187	36.028	ng/u1	97
82) Pyrene	19.610	202	1531915	36.393	ng/u1	100
83) Butylbenzylphthalate	20.580	149	646915	37.848	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.469	252	52459	4.197	ng/u1	98
85) Benzo(a)anthracene	21.522	228	1609525	39.575	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	963580	38.581	ng/u1	98
87) Chrysene	21.586	228	1469316	38.859	ng/u1	98
89) Di-n-octyl phthalate	22.745	149	1674376	45.168	ng/u1	100
90) Benzo(b)fluoranthene	23.792	252	1550184	45.238	ng/u1	99
91) Benzo(k)fluoranthene	23.869	252	1553420	44.609	ng/u1	99
93) Benzo(a)pyrene	24.692	252	1444128	43.568	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.580	276	1764488m	42.264	ng/u1	
95) Dibenzo(a,h)anthracene	28.662	278	1469861	43.282	ng/u1	98
96) Benzo(g,h,i)perylene	29.756	276	1411026m	41.842	ng/u1	

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

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