

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023162.D
 Acq On : 16 Nov 2024 07:07
 Operator : RC/JU
 Sample : PB164976BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS976

Quant Time: Nov 17 00:49:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	73737	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.322	136	286577	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.193	164	230766	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.998	188	574287	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.439	240	636936	20.000	ng/u1	0.00
88) Perylene-d12	24.657	264	751494	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	10848	7.072	ng/uL	0.00
4) Pyridine-d5	3.546	84	155671	34.156	ng/u1	0.00
7) Phenol-d5	6.781	99	214580	39.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	117746	36.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	157675	39.492	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	171439	38.215	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	78537	39.365	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	98201	41.287	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	204113	40.979	ng/u1	0.00
31) 4-Chloroaniline-d4	10.463	131	199916	33.643	ng/u1	-0.02
46) Dimethylphthalate-d6	13.599	166	645053	38.784	ng/u1	-0.01
49) Acenaphthylene-d8	13.881	160	684771	39.458	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.446	143	87318	34.934	ng/u1	0.00
60) Fluorene-d10	15.198	176	565420	38.775	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.357	200	132094	38.396	ng/u1	0.00
73) Anthracene-d10	17.110	188	971298	39.945	ng/u1	0.00
81) Pyrene-d10	19.486	212	1254755	42.769	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	1510656	42.201	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	21932	12.373	ng/uL	93
5) Pyridine	3.564	79	153678	33.575	ng/u1	97
6) Benzaldehyde	6.746	77	82213m	26.206	ng/u1	
8) Phenol	6.805	94	213686	37.536	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.016	93	156721	36.635	ng/u1	94
12) 2-Chlorophenol	7.152	128	157898	38.092	ng/u1	99
13) 2-Methylphenol	8.022	108	154011	36.243	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	178471	36.853	ng/u1	96
16) Acetophenone	8.387	105	267027	35.422	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.369	70	137589	36.553	ng/u1	99
18) 4-Methylphenol	8.352	108	172582	36.769	ng/u1	98
19) Hexachloroethane	8.616	117	69805	34.820	ng/u1	98
22) Nitrobenzene	8.758	77	213988	37.380	ng/u1	97
23) Isophorone	9.281	82	386756	37.783	ng/u1	97
25) 2-Nitrophenol	9.458	139	96474	38.429	ng/u1	96
26) 2,4-Dimethylphenol	9.534	107	164913	30.421	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.734	93	215441	38.252	ng/u1	97
29) 2,4-Dichlorophenol	9.999	162	192659	39.049	ng/u1	95
30) Naphthalene	10.369	128	513795	36.904	ng/u1	98
32) 4-Chloroaniline	10.487	127	152832	26.547	ng/u1	99
33) Hexachlorobutadiene	10.640	225	155551	34.844	ng/u1	99
34) Caprolactam	11.281	113	55534m	37.843	ng/u1	
35) 4-Chloro-3-methylphenol	11.634	107	206405	38.888	ng/u1	100
36) 2-Methylnaphthalene	11.981	142	382134	36.356	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.199	142	389993	36.295	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.363	216	289887	37.209	ng/ul	96
40) Hexachlorocyclopentadiene	12.328	237	114683	28.026	ng/ul	97
41) 2,4,6-Trichlorophenol	12.610	196	175773	37.052	ng/ul	96
42) 2,4,5-Trichlorophenol	12.699	196	193964	37.926	ng/ul	97
43) 1,1'-Biphenyl	13.004	154	557925	37.731	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	461558	38.185	ng/ul	98
45) 2-Nitroaniline	13.275	65	141085	41.569	ng/ul	91
47) Dimethylphthalate	13.640	163	609615	37.166	ng/ul	100
48) 2,6-Dinitrotoluene	13.781	165	127271	39.890	ng/ul	98
50) Acenaphthylene	13.910	152	692842	39.496	ng/ul	100
51) 3-Nitroaniline	14.116	138	114060	41.505	ng/ul	93
52) Acenaphthene	14.257	153	480601	37.737	ng/ul	98
53) 2,4-Dinitrophenol	14.346	184	77729	34.334	ng/ul	95
55) 4-Nitrophenol	14.463	109	96379	32.958	ng/ul	93
56) Dibenzofuran	14.604	168	744335	37.827	ng/ul	99
57) 2,4-Dinitrotoluene	14.598	165	199989	39.328	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.840	232	168437	33.693	ng/ul	96
59) Diethylphthalate	15.034	149	611655	37.705	ng/ul	99
61) Fluorene	15.269	166	608979	37.812	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.257	204	351164	37.031	ng/ul	99
63) 4-Nitroaniline	15.316	138	119409	46.696	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.375	198	132263	35.990	ng/ul	98
67) N-Nitrosodiphenylamine	15.475	169	522549	39.377	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	251155	38.620	ng/ul	97
69) Hexachlorobenzene	16.287	284	309839	37.846	ng/ul	98
70) Atrazine	16.463	200	97572	15.211	ng/ul	97
71) Pentachlorophenol	16.657	266	153438	30.188	ng/ul	97
72) Phenanthrene	17.045	178	1062815	39.197	ng/ul	100
74) Anthracene	17.145	178	1043930	38.293	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.969	216	289763	38.215	ng/uL	97
76) Pentachlorobenzene	14.516	250	318871	36.831	ng/uL	97
77) Carbazole	17.439	167	941477	39.584	ng/ul	100
78) Di-n-butylphthalate	18.004	149	1046910	39.665	ng/ul	99
80) Fluoranthene	19.134	202	1398290	41.371	ng/ul	100
82) Pyrene	19.516	202	1489519	41.023	ng/ul	99
83) Butylbenzylphthalate	20.469	149	511951	42.826	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	543773	38.033	ng/ul	98
85) Benzo(a)anthracene	21.416	228	1548511	39.815	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	724878	42.670	ng/ul	99
87) Chrysene	21.486	228	1448491	39.581	ng/ul	99
89) Di-n-octyl phthalate	22.575	149	1214569	39.837	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1733585	41.445	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	1662349	40.371	ng/ul	99
93) Benzo(a)pyrene	24.516	252	1474651	39.000	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.321	276	2050303m	38.920	ng/ul	
95) Dibenzo(a,h)anthracene	28.368	278	1663802	38.898	ng/ul	99
96) Benzo(g,h,i)perylene	29.456	276	1582661m	39.553	ng/ul	

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

