

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122722\
 Data File : BP013340.D
 Acq On : 27 Dec 2022 16:01
 Operator : CG/JU
 Sample : PB149856BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS856

Quant Time: Dec 28 00:19:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	525844	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	2267570	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	1543680	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	3602475	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	3576767	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	3307740	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	72240	5.874	ng/uL	0.00
4) Pyridine-d5	3.746	84	1041982	29.825	ng/u1	0.00
7) Phenol-d5	7.098	99	1489264	34.770	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	889852	34.440	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	1156284	34.294	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	1201971	34.249	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	594070	35.658	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	695204	37.065	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	1297760	35.622	ng/u1	0.00
31) 4-Chloroaniline-d4	10.886	131	1516028	29.476	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	4032258	33.988	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	4429296	33.976	ng/u1	0.00
54) 4-Nitrophenol-d4	14.786	143	778549	36.482	ng/u1	0.00
60) Fluorene-d10	15.574	176	3412855	34.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	826832	35.666	ng/u1	0.00
73) Anthracene-d10	17.439	188	5602811	34.474	ng/u1	0.00
81) Pyrene-d10	19.668	212	6900399	33.610	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	5839640	35.419	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	148859	11.595	ng/uL#	93
5) Pyridine	3.769	79	1097109	31.597	ng/u1	96
6) Benzaldehyde	7.069	77	913569	54.472	ng/u1	98
8) Phenol	7.122	94	1552353	35.846	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.351	93	1226720	34.513	ng/u1	96
12) 2-Chlorophenol	7.493	128	1202860	34.789	ng/u1	95
13) 2-Methylphenol	8.381	108	1193095	35.338	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1875929	38.461	ng/u1	97
16) Acetophenone	8.763	105	1920409	35.688	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.751	70	1006130	37.182	ng/u1	94
18) 4-Methylphenol	8.710	108	1322158	35.355	ng/u1	98
19) Hexachloroethane	9.016	117	473687	34.283	ng/u1	98
22) Nitrobenzene	9.145	77	1447163	37.017	ng/u1	97
23) Isophorone	9.675	82	2884210	36.485	ng/u1	99
25) 2-Nitrophenol	9.857	139	739269	36.376	ng/u1	94
26) 2,4-Dimethylphenol	9.916	107	1426843	35.983	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.151	93	1753471	34.690	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	1300500	36.441	ng/u1	99
30) Naphthalene	10.798	128	3987389	33.623	ng/u1	100
32) 4-Chloroaniline	10.910	127	1560015	30.651	ng/u1	99
33) Hexachlorobutadiene	11.075	225	863866	35.255	ng/u1	99
34) Caprolactam	11.704	113	443677m	36.461	ng/u1	
35) 4-Chloro-3-methylphenol	12.033	107	1391801	38.215	ng/u1	99
36) 2-Methylnaphthalene	12.404	142	2821271	34.678	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	2829681	33.820	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.769	216	1736883	34.943	ng/u1	99
40) Hexachlorocyclopentadiene	12.745	237	991040	30.638	ng/u1	99
41) 2,4,6-Trichlorophenol	13.010	196	1171253	36.665	ng/u1	100
42) 2,4,5-Trichlorophenol	13.086	196	1277786	37.238	ng/u1	100
43) 1,1'-Biphenyl	13.410	154	3887532	33.532	ng/u1	99
44) 2-Chloronaphthalene	13.451	162	3095477	33.924	ng/u1	100
45) 2-Nitroaniline	13.663	65	934409	42.237	ng/u1	96
47) Dimethylphthalate	14.033	163	4133410	35.152	ng/u1	100
48) 2,6-Dinitrotoluene	14.157	165	865294	39.597	ng/u1	98
50) Acenaphthylene	14.298	152	4810040	34.320	ng/u1	100
51) 3-Nitroaniline	14.486	138	808148	39.165	ng/u1	96
52) Acenaphthene	14.639	153	3313475	34.116	ng/u1	99
53) 2,4-Dinitrophenol	14.698	184	545998	36.552	ng/u1	98
55) 4-Nitrophenol	14.804	109	591885	40.648	ng/u1	97
56) Dibenzofuran	14.980	168	4739164	34.320	ng/u1	99
57) 2,4-Dinitrotoluene	14.945	165	1269800	40.003	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.204	232	1178186	37.624	ng/u1	98
59) Diethylphthalate	15.398	149	4157254	36.369	ng/u1	99
61) Fluorene	15.627	166	3910576	35.312	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.621	204	2107025	35.978	ng/u1	99
63) 4-Nitroaniline	15.657	138	911110	50.179	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.710	198	834860	36.852	ng/u1	96
67) N-Nitrosodiphenylamine	15.833	169	3421819	34.261	ng/u1	100
68) 4-Bromophenyl-phenylether	16.516	248	1394015	35.632	ng/u1	98
69) Hexachlorobenzene	16.633	284	1637191	35.244	ng/u1	98
70) Atrazine	16.792	200	1424033	36.588	ng/u1	99
71) Pentachlorophenol	16.986	266	999697	35.536	ng/u1	98
72) Phenanthrene	17.380	178	6535081	34.828	ng/u1	100
74) Anthracene	17.474	178	6685149	35.681	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	1786564	34.760	ng/uL	99
76) Pentachlorobenzene	14.898	250	1753831	33.469	ng/uL	99
77) Carbazole	17.745	167	6060602	38.411	ng/u1	99
78) Di-n-butylphthalate	18.280	149	7480864	38.940	ng/u1	100
80) Fluoranthene	19.345	202	8291108	35.581	ng/u1	99
82) Pyrene	19.698	202	8425236	35.051	ng/u1	100
83) Butylbenzylphthalate	20.562	149	3551972	38.251	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.339	252	2917116	36.102	ng/u1	100
85) Benzo(a)anthracene	21.409	228	8453824	35.603	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	5204068	39.729	ng/u1	99
87) Chrysene	21.462	228	8023234	35.731	ng/u1	99
89) Di-n-octyl phthalate	22.262	149	8703478	46.967	ng/u1	100
90) Benzo(b)fluoranthene	23.139	252	8059489	38.210	ng/u1	100
91) Benzo(k)fluoranthene	23.186	252	7799899	37.292	ng/u1	99
93) Benzo(a)pyrene	23.786	252	6697781	36.469	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.480	276	7322767	32.009	ng/u1	99
95) Dibenzo(a,h)anthracene	26.492	278	6246789	32.980	ng/u1	100
96) Benzo(g,h,i)perylene	27.268	276	5832231	31.756	ng/u1	98

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

