

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030905.D
 Acq On : 14 Apr 2024 07:48
 Operator : MA/JU
 Sample : PB160192BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS192

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 14 23:23:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	145367	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	649822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	433858	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	949982	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1067017	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1198018	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	28844	9.303	ng/uL	0.00
4) Pyridine-d5	3.581	84	339530	36.524	ng/u1	0.00
7) Phenol-d5	6.834	99	456319	38.804	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	260933	35.925	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	360877	40.453	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	362230	36.754	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	179047	39.720	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	179950	43.637	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	362614	40.166	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	526732	35.440	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1063197	36.704	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1302536	39.109	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	240450	43.397	ng/u1	0.00
60) Fluorene-d10	15.304	176	990480	39.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	152831	36.448	ng/u1	0.00
73) Anthracene-d10	17.157	188	1613113	39.410	ng/u1	0.00
81) Pyrene-d10	19.457	212	2064546	35.988	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	2343422	42.452	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.211	88	40353	12.150	ng/uL	96
5) Pyridine	3.599	79	343598	36.630	ng/u1	98
6) Benzaldehyde	6.816	77	239085	43.658	ng/u1	97
8) Phenol	6.863	94	477456	38.974	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.099	93	351028	35.139	ng/u1	99
12) 2-Chlorophenol	7.228	128	380614	39.773	ng/u1	97
13) 2-Methylphenol	8.105	108	346937	36.752	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	459640	32.676	ng/u1	100
16) Acetophenone	8.487	105	552882	35.530	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	265480	33.874	ng/u1	98
18) 4-Methylphenol	8.434	108	393365	37.223	ng/u1	99
19) Hexachloroethane	8.734	117	146255	36.453	ng/u1	97
22) Nitrobenzene	8.863	77	411299	37.377	ng/u1	100
23) Isophorone	9.387	82	759055	34.588	ng/u1	99
25) 2-Nitrophenol	9.569	139	201903	41.659	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	356728	33.117	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.869	93	482588	34.587	ng/u1	98
29) 2,4-Dichlorophenol	10.093	162	365410	39.654	ng/u1	98
30) Naphthalene	10.493	128	1213323	36.405	ng/u1	99
32) 4-Chloroaniline	10.610	127	498002	34.768	ng/u1	97
33) Hexachlorobutadiene	10.775	225	203378	35.064	ng/u1	98
34) Caprolactam	11.393	113	126150m	36.645	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	400847	38.622	ng/u1	100
36) 2-Methylnaphthalene	12.110	142	838230	36.014	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	864232	36.578	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	423819	37.853	ng/ul	96
40) Hexachlorocyclopentadiene	12.457	237	155342	24.431	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	280011	40.021	ng/ul	95
42) 2,4,5-Trichlorophenol	12.798	196	320182	40.521	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	1109153	37.507	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	863722	37.103	ng/ul	98
45) 2-Nitroaniline	13.392	65	256575	41.416	ng/ul	99
47) Dimethylphthalate	13.775	163	1093237	36.536	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	219866	39.631	ng/ul	98
50) Acenaphthylene	14.028	152	1441245	37.453	ng/ul	100
51) 3-Nitroaniline	14.222	138	259105	44.002	ng/ul	98
52) Acenaphthene	14.375	153	935041	36.462	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	88550	34.751	ng/ul	95
55) 4-Nitrophenol	14.534	109	185754	42.315	ng/ul	95
56) Dibenzofuran	14.710	168	1336887	37.504	ng/ul	97
57) 2,4-Dinitrotoluene	14.681	165	341467	42.158	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	273462	41.671	ng/ul	95
59) Diethylphthalate	15.145	149	1105120	36.355	ng/ul	100
61) Fluorene	15.363	166	1069537	37.748	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	504898	36.321	ng/ul	97
63) 4-Nitroaniline	15.392	138	297705	52.003	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.445	198	171500	38.064	ng/ul	95
67) N-Nitrosodiphenylamine	15.575	169	969610	37.478	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	320173	35.493	ng/ul	92
69) Hexachlorobenzene	16.357	284	380827	35.852	ng/ul	98
70) Atrazine	16.533	200	322946	36.014	ng/ul	98
71) Pentachlorophenol	16.704	266	247687	39.548	ng/ul	98
72) Phenanthrene	17.098	178	1874029	38.396	ng/ul	100
74) Anthracene	17.192	178	1860053	37.698	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	431925	37.009	ng/ul	97
76) Pentachlorobenzene	14.622	250	410679	34.643	ng/ul	92
77) Carbazole	17.463	167	1857946	42.938	ng/ul	99
78) Di-n-butylphthalate	18.033	149	2103059	39.841	ng/ul	100
80) Fluoranthene	19.122	202	2347482	34.423	ng/ul	97
82) Pyrene	19.486	202	2572941	35.725	ng/ul	100
83) Butylbenzylphthalate	20.398	149	1077451	39.174	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	775744	39.567	ng/ul	94
85) Benzo(a)anthracene	21.274	228	2704115	37.973	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	1515058	37.353	ng/ul	98
87) Chrysene	21.339	228	2602821	38.724	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	2869149	37.818	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2822204	40.028	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	2876963	40.180	ng/ul	98
93) Benzo(a)pyrene	24.080	252	2351638	35.309	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.498	276	3036071	42.170	ng/ul	99
95) Dibenzo(a,h)anthracene	27.562	278	2492178	41.119	ng/ul	96
96) Benzo(g,h,i)perylene	28.521	276	2302827m	40.743	ng/ul	

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

