

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022876.D
 Acq On : 06 Nov 2024 02:19
 Operator : RC/JU
 Sample : P4581-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EC9MS

Quant Time: Nov 06 03:04:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

11/06/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	107180	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	394382	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	309302	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	772428	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	781660	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	924499	20.000	ng/u1	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	9636	3.494	ng/uL	0.00
4) Pyridine-d5	3.587	84	138596	18.305	ng/u1	0.00
7) Phenol-d5	6.822	99	215715	23.910	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	116306	21.933	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	162989	25.460	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	169837	23.588	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	79908	26.351	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	96297	27.429	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	210003	28.144	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	194877	22.103	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	609313	24.794	ng/u1	-0.01
49) Acenaphthylene-d8	13.928	160	678697	26.003	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	92731	22.493	ng/u1	0.00
60) Fluorene-d10	15.257	176	550912	25.846	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	103817	20.436	ng/u1	0.00
73) Anthracene-d10	17.151	188	929666	25.585	ng/u1	-0.01
81) Pyrene-d10	19.533	212	1133939	27.432	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	1304195	26.415	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.211	88	31421	10.595	ng/uL	96
5) Pyridine	3.605	79	224364	28.899	ng/u1	98
6) Benzaldehyde	6.793	77	34021	6.978	ng/u1	95
8) Phenol	6.852	94	318745	33.957	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.064	93	229597	32.683	ng/u1	98
12) 2-Chlorophenol	7.205	128	237935	35.942	ng/u1	96
13) 2-Methylphenol	8.069	108	230899	33.895	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	250786	30.717	ng/u1	98
16) Acetophenone	8.440	105	383214	32.239	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	191116	31.735	ng/u1	99
18) 4-Methylphenol	8.399	108	251442	33.272	ng/u1	96
19) Hexachloroethane	8.681	117	106404	34.513	ng/u1	97
22) Nitrobenzene	8.810	77	306947	33.911	ng/u1	96
23) Isophorone	9.334	82	534875	32.958	ng/u1	98
25) 2-Nitrophenol	9.510	139	144610	38.220	ng/u1	96
26) 2,4-Dimethylphenol	9.575	107	289794	35.238	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.799	93	301944	32.767	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	281683	38.335	ng/u1	98
30) Naphthalene	10.428	128	751212	35.762	ng/u1	99
32) 4-Chloroaniline	10.546	127	189760	21.803	ng/u1	95
33) Hexachlorobutadiene	10.710	225	233527	37.708	ng/u1	100
34) Caprolactam	11.346	113	78047m	32.946	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	295326	36.837	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	562300	36.467	ng/u1	99

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37) 1-Methylnaphthalene	12.257	142	549778	34.933	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.416	216	421030	36.814	ng/ul	94
40) Hexachlorocyclopentadiene	12.387	237	120750	17.329	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	276601	38.450	ng/ul	100
42) 2,4,5-Trichlorophenol	12.746	196	299272	39.070	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	796829	35.741	ng/ul	100
44) 2-Chloronaphthalene	13.104	162	662475	36.299	ng/ul	99
45) 2-Nitroaniline	13.322	65	194742	35.736	ng/ul	96
47) Dimethylphthalate	13.710	163	829263	33.865	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	176995	38.213	ng/ul	99
50) Acenaphthylene	13.963	152	944929	34.882	ng/ul	100
51) 3-Nitroaniline	14.169	138	157305	36.160	ng/ul	92
52) Acenaphthene	14.304	153	676884	35.336	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	93459	27.425	ng/ul	97
55) 4-Nitrophenol	14.504	109	159097	34.770	ng/ul	95
56) Dibenzofuran	14.645	168	1021745	35.509	ng/ul	99
57) 2,4-Dinitrotoluene	14.634	165	274632	38.157	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	14.887	232	275457	38.527	ng/ul	99
59) Diethylphthalate	15.098	149	810075	34.481	ng/ul	99
61) Fluorene	15.310	166	850848	36.291	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.304	204	490222	36.564	ng/ul	98
63) 4-Nitroaniline	15.345	138	173774m	39.698	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	160505	29.332	ng/ul	99
67) N-Nitrosodiphenylamine	15.534	169	712002	34.421	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	348108	37.371	ng/ul	97
69) Hexachlorobenzene	16.334	284	441475	38.504	ng/ul	96
70) Atrazine	16.516	200	320244	37.246	ng/ul	96
71) Pentachlorophenol	16.698	266	275089	37.314	ng/ul	97
72) Phenanthrene	17.092	178	1506899	36.464	ng/ul	99
74) Anthracene	17.192	178	1410595	34.204	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	418058	35.546	ng/uL	98
76) Pentachlorobenzene	14.575	250	459922	35.374	ng/uL	98
77) Carbazole	17.469	167	1260409	34.540	ng/ul	99
78) Di-n-butylphthalate	18.051	149	1395648	34.566	ng/ul	99
80) Fluoranthene	19.186	202	1971672	41.491	ng/ul	98
82) Pyrene	19.563	202	2060256	40.451	ng/ul	97
83) Butylbenzylphthalate	20.522	149	644966	36.372	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	469252	25.184	ng/ul	97
85) Benzo(a)anthracene	21.480	228	1993017	36.371	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	938010	36.852	ng/ul	99
87) Chrysene	21.551	228	1873209	36.867	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	1555186	35.365	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	2188395	37.605	ng/ul#	98
91) Benzo(k)fluoranthene	23.798	252	2079092m	36.491	ng/ul	
93) Benzo(a)pyrene	24.592	252	1931280	36.059	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.451	276	2616189	36.604	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.515	278	2074730	35.848	ng/ul#	98
96) Benzo(g,h,i)perylene	29.592	276	2025672	36.438	ng/ul	98

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

